



Plan of the Fetal Circulation

References made by W.E. Horner M.D.

REFERENCE

- a. Right ventricle of the heart
- b. The curve of the aorta
- c. The arteria innominata left carotid & left subclavian
- d. Pulmonary artery
- e. Ramifications of left branch of Pulmonary artery
- f. The ductus arteriosus making a communication between the pulmonary artery and the aorta
- gg. Trunk of the aorta descending
- h.h.h.h.h. Intercostal arteries
- i. Pleuric artery
- k. Celiac artery
- l. Superior mesenteric artery
- m. Emulgent artery
- nn. Spermatic artery
- o. Inferior mesenteric artery
- p. Primitive iliac
- qq. External iliac artery which is seen dividing into two branches the shorter goes to the lower extremity the longer runs on the side of



the bladder up to the navel being the proper umbilical artery the dotted lines represent the course of the umbilical artery on the other side of the Bladder

The artery from each side is seen twisted around the umbilical vein forming with it the umbilical chord

r. The bladder

Fig. 1. Umbilical vein

- 2. Mesenteric veins forming by their junction the vena Portarum
- 3. Branches of vena portarum in the Liver
- 4. The sinus of the vena Portarum
- 5. Ductus venosus
- 6. Left hepatic vein
- 7. Right hepatic vein
- 8. 8. 8. Ascending cava
- 9. Descending cava

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